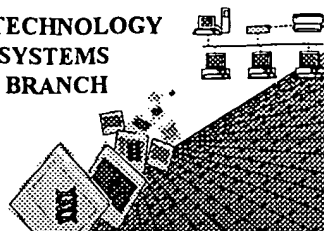


0570  
1107

BIOTECHNOLOGY  
SYSTEMS  
BRANCH



**RAW SEQUENCE LISTING**  
**ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/584,411B  
Source: CIPK  
Date Processed by STIC: 11/13/2002

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

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FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)

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Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
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Revised 01/29/2002



OIPE

## RAW SEQUENCE LISTING

DATE: 11/13/2002

PATENT APPLICATION: US/09/584,411B

TIME: 15:46:07

Input Set : A:\CURA52NEW.APP

Output Set: N:\CRF4\11132002\I584411B.raw

5 <110> APPLICANT: Shimkets, Richard  
 6       Fernandes, Elma  
 7       Hermann, John  
 8       Vernet, Corine  
 10 <120> TITLE OF INVENTION: Novel Polynucleotides and Polypeptides Encoded Thereby . !:  
 12 <130> FILE REFERENCE: 15966-552  
 14 <140> CURRENT APPLICATION NUMBER: 09/584,411B  
 C--> 15 <141> CURRENT FILING DATE: 2002-10-24  
 17 <150> PRIOR APPLICATION NUMBER: USSN 60/137,322  
 18 <151> PRIOR FILING DATE: 1999-06-03  
 20 <150> PRIOR APPLICATION NUMBER: USSN 60/189,810  
 21 <151> PRIOR FILING DATE: 2000-03-16  
 23 <150> PRIOR APPLICATION NUMBER: USSN 60/191,158  
 24 <151> PRIOR FILING DATE: 2000-03-22  
 26 <150> PRIOR APPLICATION NUMBER: USSN 60/193,086  
 27 <151> PRIOR FILING DATE: 2000-03-30  
 29 <150> PRIOR APPLICATION NUMBER: USSN 60/201,388  
 30 <151> PRIOR FILING DATE: 2000-05-03  
 32 <160> NUMBER OF SEQ ID NOS: 93  
 34 <170> SOFTWARE: PatentIn Ver. 2.0

Does Not Comply  
Corrected Diskette Needed

pp 1, 3-5

## ERRORED SEQUENCES

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 8123 <211> LENGTH: 252  
 8124 <212> TYPE: PRT  
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 8140 Gly Pro Gly Ala Ala Gln Glu Pro Thr Trp Leu Thr Asp Val Pro Ala  
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 8148    50                   55                   60  
 8152 Gln Asp Leu Glu Ile Pro Ala Val Pro Ile Leu His Ser Met Val Gln  
 8154    65                   70                   75                   80  
 8158 Lys Phe Pro Gly Val Ser Phe Gly Ile Ser Thr Asp Ser Glu Val Leu  
 8160                   85                   90                   95  
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## RAW SEQUENCE LISTING

DATE: 11/13/2002

PATENT APPLICATION: US/09/584,411B

TIME: 15:46:08

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Output Set: N:\CRF4\11132002\I584411B.raw

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|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 8166 |     |     |     | 100 |     |     |     | 105 |     |     |     | 110 |     |     |     |     |
| 8170 | Asp | Asn | Glu | Gln | Leu | Asn | Leu | Glu | Asp | Glu | Asp | Ile | Glu | Ser | Ile | Asp |
| 8172 |     |     |     | 115 |     |     |     | 120 |     |     |     | 125 |     |     |     |     |
| 8176 | Ala | Thr | Lys | Leu | Ser | Arg | Phe | Ile | Glu | Ile | Asn | Ser | Leu | His | Met | Val |
| 8178 |     |     | 130 |     |     |     | 135 |     |     |     |     | 140 |     |     |     |     |
| 8182 | Thr | Glu | Tyr | Asn | Pro | Val | Thr | Val | Ile | Gly | Leu | Phe | Asn | Ser | Val | Ile |
| 8184 | 145 |     |     |     |     | 150 |     |     |     |     | 155 |     |     |     | 160 |     |
| 8188 | Gln | Ile | His | Leu | Leu | Leu | Ile | Met | Asn | Lys | Ala | Ser | Pro | Glu | Tyr | Glu |
| 8190 |     |     |     |     | 165 |     |     |     |     | 170 |     |     |     |     | 175 |     |
| 8194 | Glu | Asn | Met | His | Arg | Tyr | Gln | Lys | Ala | Ala | Lys | Leu | Phe | Gln | Gly | Lys |
| 8196 |     |     |     | 180 |     |     |     |     | 185 |     |     |     |     | 190 |     |     |
| 8200 | Ile | Leu | Phe | Ile | Leu | Val | Asp | Ser | Gly | Met | Lys | Glu | Asn | Gly | Lys | Val |
| 8202 |     |     | 195 |     |     |     |     |     | 200 |     |     |     |     | 205 |     |     |
| 8206 | Ile | Ser | Phe | Phe | Lys | Leu | Lys | Glu | Ser | Gln | Leu | Pro | Ala | Leu | Ala | Ile |
| 8208 |     |     | 210 |     |     |     |     |     | 215 |     |     |     |     | 220 |     |     |
| 8212 | Tyr | Gln | Thr | Leu | Asp | Asp | Glu | Trp | Asp | Thr | Leu | Pro | Thr | Ala | Glu | Val |
| 8214 | 225 |     |     |     |     | 230 |     |     |     |     | 235 |     |     |     | 240 |     |
| 8218 | Ser | Val | Glu | His | Val | Gln | Asn | Phe | Cys | Asp | Gly | Phe |     |     |     |     |
| 8220 |     |     |     |     | 245 |     |     |     |     | 250 |     |     |     |     |     |     |

DATE: 11/19/2002

PATENT APPLICATION: US/09/584,411B

TIME: 08:53:39

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\11192002\I584411B.raw

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215 Ser Thr Ile Ser Glu Lys Val Ile Phe Phe Glu Leu Ile Leu Asp Asn
217      115      120      125
221 Met Gly Glu Gln Ala Gln Glu Gln Glu Asp Trp Lys Lys Tyr Ile Thr
223      130      135      140
227 Gly Thr Asp Ile Leu Asp Met Lys Leu Glu Asp Ile Leu Asp Leu Pro
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233 Gly Arg Pro Leu Glu Pro Tyr Ser Glu
235      165
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239 <211> LENGTH: 2342
240 <212> TYPE: DNA
241 <213> ORGANISM: Homo sapiens
243 <220> FEATURE:
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245 <222> LOCATION: (110)..(1750)
247 <220> FEATURE:
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282 cgacagactg aaggacagcg gcaccgccag acggccagaa agttccgcc atg agc tgg 118
284                                     Met Ser Trp
286                                     1
290 ggc acg gag ctg tgg gat cag ttc gac agc tta gac aag cat aca caa 166
292 Gly Thr Glu Leu Trp Asp Gln Phe Asp Ser Leu Asp Lys His Thr Gln
294      5      10      15
298 tgg gga att gac ttc ttg gaa aga tat gcc aaa ttt gtt aaa gag agg 214
300 Trp Gly Ile Asp Phe Leu Glu Arg Tyr Ala Lys Phe Val Lys Glu Arg

```

what about "n" at location 2329?  
(see next page)

09/584,411B 4

location 2321

gtngtgcaat cnccttgatca acatctccag cactatngtt cncctttagg tn

2342

<210> 4

g c cactngt

gctng

**RAW SEQUENCE LISTING ERROR SUMMARY**  
PATENT APPLICATION: US/09/584,411B

DATE: 11/19/2002  
TIME: 08:53:40

Input Set : A:\PTO.AMC.txt  
Output Set: N:\CRF4\11192002\I584411B.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

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Seq#:7; N Pos. 1148,1498,1925,1943,1969,1970,1971,1972  
Seq#:7; Xaa Pos. 53  
Seq#:8; Xaa Pos. 53  
Seq#:9; N Pos. 64,65  
Seq#:11; N Pos. 22  
Seq#:15; N Pos. 56,66,83,104,112,113,135  
Seq#:21; N Pos. 1303  
Seq#:29; N Pos. 324  
Seq#:29; Xaa Pos. 5  
Seq#:30; Xaa Pos. 5  
Seq#:45; N Pos. 3082

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 1,3,10,14,17,20,23,26,29,32,34,36,37,38,39,41,42,43,44,46  
Seq#:1; Line(s) 47,49,51,52,54,56,58,60,62,64,66,68,70,72,74,76,78,80,82,84  
Seq#:1; Line(s) 86,88,90,92,94,96,98,100,102,104,106,108,110,112,114,116  
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